WHAT IS CLAIMED IS:

1. A method for recovering mesenchymal stem cells, comprising:

(a) providing a mixture comprising mesenchymal stem cells;

(b) seeding the mixture into a culture device; and

(c) recovering and culturing the mesenchymal stem cells.

2. The method as claimed in claim 1, wherein said culture device comprises a plate with pores, wherein the pore size is sufficient for separating mesenchymal stem cells from other cells.

3. The method as claimed in claim 2, wherein the pore size ranges from about 0.4 to 40 microns in diameter.

4. The method as claimed in claim 1, wherein the mixture comprises cells selected from the group consisting of mammals, animals, and plants.

5. The method as claimed in claim 4, wherein the cells are selected from the group consisting of fractioned tissues, un-fractioned tissues, bloods, and body fluids.

6. The method as claimed in claim 5, wherein the mammal comprises human.

7. The method as claimed in claim 5, wherein the cells are selected from the group consisting of bone marrow,

embryonic yolk sac, placenta, umbilical cord, and fetal, adolescent and adult body fluids and tissues.

8. The method as claimed in claim 1, wherein the mesenchymal stem cells have the capability of self-renewal and pluripotent differentiation.

9. The method as claimed in claim 8, wherein the mesenchymal stem cells can differentiate into tissues comprising bone, adipose, or cartilage.

10. The method as claimed in claim 8, wherein the mesenchymal stem cells are characterized by $CD34^-$.

11. The method as claimed in claim 9, wherein the mesenchymal stem cells are cultured in DMEM-LG medium containing 10% fetal bovine serum.

12. An isolated mesenchymal stem cell recovered by the method as claimed in claim 1, which has the capability of self-renewal and pluripotent differentiation.

13. The mesenchymal stem cell as claimed in claim 12, which can differentiate into tissues comprising bone, adipose, or cartilage.

14. The mesenchymal stem cell as claimed in claim 12, which is characterized by $CD34^-$.

15. A composition comprising the mesenchymal stem cell as claimed in claim 12 and a culture medium, wherein the medium expands the mesenchymal stem cell.

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16. The composition as claimed in claim 15, wherein the mesenchymal stem cell is characterized by $CD34^-$.

17. The composition as claimed in claim 15, wherein the medium comprises DMEM-LG medium containing 10% fetal bovine serum.

18. A pharmaceutical composition comprising the mesenchymal stem cell as claimed in claim 12 and a pharmaceutically acceptable carrier, wherein the mesenchymal stem cell is present in an amount sufficient to serve as tissue replacement or gene therapy for tissues damaged by age, trauma, and disease.

19. The pharmaceutical composition as claimed in claim 18, wherein the mesenchymal stem cell can differentiate into tissues comprising bone, adipose, or cartilage.

20. The composition as claimed in claim 18, wherein the mesenchymal stem cell is characterized by $CD34^-$.